| <br> | Claims |  |
|------|--------|--|
|      |        |  |

| Appl | ication | <b>Control</b> | No. |
|------|---------|----------------|-----|

09/782,255

Examiner

Nancy T. Vogel

Applicant(s)/Patent under Reexamination

HELD ET AL. Art Unit

1636

| 1 | Rejected |
|---|----------|
| = | Allowed  |

| 1 | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| N | Non-Elected  |
|---|--------------|
| ı | Interference |

| A | Appeal   |
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| 0 | Objected |

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|-------|--|------------------|----------|----------|----------|----------|----------|--------------|----------|----------|
|       |  |                  |          |          |          |          |          |              |          | _        |
| Cla   | aim                                    |                  | _        | _        |          | Dat      | <u>e</u> | _            | _        | ,        |
| Final | Original                               | 13               |          |          |          |          |          |              |          |          |
|       |  | Т                |          | Т        | П        |          | Г        |              | Г        | П        |
|       | 2                                      |                  |          |          |          |          | Π        |              | Г        |          |
|       | 3                                      |                  |          |          |          |          | T        | Γ            |          |          |
|       | 4                                      |                  |          |          |          |          | Π        |              |          |          |
|       | 5                                      |                  |          |          |          |          |          |              |          |          |
|       | 1<br>2<br>3<br>4<br>5<br>6             |                  |          |          |          |          |          |              |          |          |
|       | 7                                      | _                | 匚        | <u> </u> | L        | _        | L        | L            | L        |          |
|       | 8                                      | _                | ╙        | _        |          | <u> </u> | _        |              | <u> </u> | Ш        |
|       | 9<br>10                                | -                | <u> </u> | _        | <u> </u> | _        | <u> </u> | _            | <u> </u> | -        |
| ,     | 10                                     | -                | L        | _        | _        | <u> </u> | _        | <u> </u>     | ├-       | Н        |
|       | 11                                     | -                | ļ        | ┢        | <b> </b> | ├-       | -        | ļ            | _        | Н        |
|       | 12                                     | -                |          | -        | -        | -        | ┝        | <b> </b>     | -        | Н        |
|       | 13                                     | -                | -        | -        | ├─       | ├        | ┝        | ┝            | <u> </u> | Н        |
|       | 12<br>13<br>14<br>15<br>16<br>17<br>18 | -                | ┝        | -        | ┝        | -        | $\vdash$ | <del> </del> | -        | Н        |
|       | 16                                     | -                | -        | $\vdash$ | ┝        | -        | ┝        | ┝            | Н        | Н        |
|       | 17                                     |                  |          |          | $\vdash$ | -        | ┝        | -            | -        | Н        |
|       | 18                                     |                  |          |          | $\vdash$ | ┢╌       |          | -            | -        | Н        |
|       | 19                                     | <del>  -  </del> | ╁        | $\vdash$ |          | -        |          |              |          |          |
|       | 20                                     | Г                | $\vdash$ |          | $\vdash$ |          |          | _            | $\vdash$ | Н        |
|       | 20<br>21<br>22                         |                  |          |          |          |          |          |              |          | П        |
|       | 22                                     |                  |          |          |          |          |          |              |          |          |
|       | 23<br>24<br>25                         |                  |          |          |          |          |          |              |          |          |
|       | 24                                     |                  |          |          |          |          |          |              |          |          |
|       | 25                                     |                  |          |          |          |          |          |              |          |          |
|       | 26<br>27                               |                  | _        |          | L        |          |          |              | L        |          |
|       | 27                                     |                  |          |          |          |          |          |              |          | Щ        |
|       | 28                                     | L_               | <u> </u> | L_       |          | L.       |          | L.,          |          | Щ        |
|       | 29                                     |                  |          |          |          |          | ļ.,,     | <u> </u>     |          | Щ        |
|       | 30<br>31<br>32<br>33                   | _                | _        | _        |          |          | L        | _            |          | Щ        |
|       | 31                                     | _                |          | _        |          | _        | _        | _            |          | Щ        |
|       | 32                                     |                  | _        |          |          | -        | _        | -            |          | Н        |
|       | 33                                     | _                | <u> </u> | -        | <u> </u> | $\vdash$ | $\vdash$ | $\vdash$     | H        | Н        |
|       | 34<br>35                               | $\vdash$         | $\vdash$ | -        | -        | $\vdash$ | H        | <u> </u>     | $\vdash$ | Н        |
|       | 36                                     | $\vdash$         | $\vdash$ | -        | $\vdash$ | $\vdash$ | $\vdash$ | $\vdash$     | $\vdash$ | Н        |
| -     | 37                                     | $\vdash$         | $\vdash$ | -        | $\vdash$ | $\vdash$ | $\vdash$ | <u> </u>     | $\vdash$ | $\vdash$ |
|       | 38                                     | $\vdash$         | _        |          | $\vdash$ | $\vdash$ | H        |              | H        | H        |
|       | 39                                     | $\vdash$         | $\vdash$ | $\vdash$ | _        | $\vdash$ | Н        |              | $\vdash$ | Н        |
|       | 40                                     | Г                | Т        |          |          |          | П        |              | Г        | М        |
|       | 41                                     |                  |          |          |          |          |          |              |          | П        |
|       | 42                                     |                  |          |          |          |          |          |              |          |          |
|       | 43                                     | V                |          |          |          |          |          |              |          |          |
|       | 44                                     | ~                |          |          |          |          |          |              |          |          |
|       | 45                                     | <u></u>          |          |          |          |          |          |              |          |          |
|       | 46                                     | L.               |          | L.       |          | L        |          | Щ            | L        | Ш        |
|       | 47                                     |                  |          |          | _        | L.       | <u> </u> |              |          | Щ        |
|       | 48                                     | <u> </u>         | <u> </u> | _        | _        | $\vdash$ | $\sqcup$ | <u> </u>     | L.       | Щ        |
|       | 49                                     | ۷                | _        | <u> </u> | <u> </u> |          |          |              |          | Щ        |
|       | 50                                     | 14.              | _        |          |          |          |          |              |          | . !      |

| Cla      | aim      |          |   |              |          | Date     |          |          |          |          |
|----------|----------|----------|---|--------------|----------|----------|----------|----------|----------|----------|
|          |          |          | Г |              | T .      | Г        | _        |          |          | Γ        |
| <u>_</u> | 51<br>53 | 12       |   |              |          |          |          |          |          |          |
| Final    | rigi     | ر ا      |   |              |          |          |          |          |          |          |
|          | 0        | a        | Ì |              |          |          |          |          |          |          |
|          | 51       | 17       | F | H            | $\vdash$ | 一        | ┢        | T        | ┢        | $\vdash$ |
|          | 52       | 1        | - |              | 1        | 1        |          |          | _        | Т        |
|          | 53       |          |   |              |          | T        |          |          | T        |          |
|          |          |          |   | Т            |          | <u>├</u> | $\vdash$ |          |          |          |
|          | 54<br>55 | Г        |   |              |          |          |          |          |          |          |
|          | 56       |          |   |              |          |          |          |          |          |          |
|          | 57       |          |   |              |          |          | $\Box$   |          |          |          |
|          | 58       |          |   | Γ            |          |          |          |          |          |          |
|          | 59       |          |   | Г            |          |          | Г        |          |          |          |
|          | 60       |          |   |              |          |          |          |          |          |          |
|          | 61       |          |   |              |          |          |          |          |          |          |
|          | 62       |          |   |              |          |          |          |          |          |          |
|          | 63       |          |   |              |          | $L^-$    |          |          |          |          |
|          | 64       |          |   |              |          |          |          |          |          |          |
|          | 65       |          |   |              |          |          |          |          |          |          |
|          | 66       |          |   |              |          |          |          |          |          |          |
|          | 67       |          |   |              |          |          |          |          |          |          |
|          | 68       |          |   |              |          |          |          |          |          |          |
| igspace  | 69       |          |   |              |          |          |          |          |          |          |
|          | 70       |          |   | _            | L        |          |          |          |          |          |
|          | 71       |          |   |              | _        | L_       |          | _        |          |          |
|          | 72       |          |   |              |          |          |          |          | _        |          |
|          | 73       |          |   |              |          |          |          |          |          |          |
|          | 74       | _        |   |              | <u> </u> | _        |          |          |          |          |
| -        | 75       | Ш        |   | _            |          | _        |          |          | _        |          |
| -        | 76<br>77 | _        | _ |              | <u> </u> |          | _        | _        | <u> </u> |          |
| -        | 70       | _        |   | $\vdash$     | <u> </u> | _        | _        | $\vdash$ | <u> </u> | _        |
|          | 78<br>79 | _        |   |              | _        | _        |          | $\vdash$ | $\vdash$ | <u> </u> |
| -        | 80       |          |   |              |          | _        |          | _        | _        | _        |
| -        | 81       | _        |   | $\vdash$     | _        | $\vdash$ | -        | $\vdash$ | $\vdash$ | _        |
| -        | 82       |          |   |              | _        | $\vdash$ | _        | _        | $\vdash$ | —        |
|          | 83       | $\vdash$ |   | $\vdash$     | -        |          |          |          | Н        | _        |
| -        | 84       | $\vdash$ | _ | $\vdash$     | $\vdash$ | $\vdash$ | Н        | Н        | $\vdash$ | -        |
| -        | 85       | $\vdash$ | _ | $\vdash$     | $\vdash$ | <u> </u> | $\vdash$ | $\vdash$ | $\vdash$ | _        |
|          | 86       | _        |   | <del> </del> | $\vdash$ | $\vdash$ | $\vdash$ | $\vdash$ | $\vdash$ | _        |
|          | 87       | $\vdash$ | _ | Т            | $\vdash$ | Н        | $\vdash$ | $\vdash$ | $\vdash$ | _        |
| -        | 88       | $\Box$   |   | Т            |          | П        | $\vdash$ | $\vdash$ | Г        |          |
|          | 89       |          |   |              |          |          |          |          | Г        |          |
|          | 90       |          |   |              |          |          |          |          |          |          |
|          | 91       |          |   |              |          |          |          |          |          |          |
|          | 92       |          |   |              |          |          |          |          |          |          |
|          | 93       |          |   |              |          |          |          |          |          |          |
|          | 94       |          |   |              |          |          |          |          |          |          |
|          | 95       |          |   |              |          |          |          |          |          |          |
|          | 96       |          |   |              |          |          |          |          |          |          |
|          | 97       |          |   |              |          |          |          |          |          |          |
|          | 98       |          |   |              |          |          |          |          |          |          |
|          | 99       |          |   | L            | $\Box$   |          |          | <u></u>  |          |          |

100

| CI   | aim   | Date         |                                     |              |              |              |  |                                     |          |          |
|--|---|--------------|-------------------------------------|--------------|--------------|--------------|--|-------------------------------------|----------|----------|
|  |   |              |                                     | Γ            |              |              | Γ  |                                     | Γ        | Г        |
| ᡖ  | Ē   |              |                                     |              |              |              |  |                                     | l        |          |
| Final  | Original                                      | -            |                                     |              |              |              |  |                                     |          |          |
|  | 0   |              |                                     |              |              |              |  |                                     |          |          |
|  | 101   | $\vdash$     | ┢                                   | $\vdash$     | ┢            | ┢            | <del>                                     </del>   | <u> </u>                            | $\vdash$ | Н        |
|  | 101<br>102                                    | ┢            | $\vdash$                            | $\vdash$     | -            | $\vdash$     | ┢  | $\vdash$                            | -        | Н        |
| <b></b> -  | 103   | $\vdash$     | $\vdash$                            | $\vdash$     | -            | -            | -  | -                                   |          | Н        |
| $\vdash$   | 103<br>104<br>105<br>106<br>107               | $\vdash$     | $\vdash$                            | $\vdash$     | $\vdash$     | -            |  |                                     | $\vdash$ | Н        |
|  | 105   | <del> </del> | ┢                                   | ┢            | ┢╾           | ├            | ┝╌   | ┢                                   | ┢        | Н        |
|  | 106   | H            | ┝                                   | ┢            | ⊢            | -            | ├  | -                                   | $\vdash$ | H        |
| <del>                                     </del> | 107   | <del> </del> | -                                   | -            | ⊢            | ├            | -  | $\vdash$                            | ⊢        | Н        |
| $\vdash$   | 107   | $\vdash$     | ┝                                   | -            | -            | ┢            | ⊢  | -                                   | ⊢        | Н        |
| _  | 108<br>109                                    | -            | ├                                   | -            | -            | ⊢            | $\vdash$   |                                     |          | Н        |
|  | 110   |              | -                                   | ⊢            | $\vdash$     | ⊢            | ┝  |                                     |          | Н        |
|  | 111   |              | ⊢                                   | ⊢            | ┝            | -            | -  | ├                                   | -        | Н        |
|  | 111   | _            | ⊢                                   | ⊢            | ┝            | -            | ├  | ├                                   | $\vdash$ | Н        |
|  | 111<br>112<br>113                             | <u> </u>     | $\vdash$                            | ⊢            | <del> </del> | <del> </del> | $\vdash$   | $\vdash$                            | ⊢-       | $\vdash$ |
| -  | 113   | <u> </u>     |                                     |              | <del> </del> | $\vdash$     | $\vdash$   | $\vdash$                            | ├-       | $\vdash$ |
|  | 114<br>115                                    | <u> </u>     | ├                                   |              | ├            | ├-           | $\vdash$   | $\vdash$                            | ├        | Н        |
|  | 115   | -            | <del> </del>                        | ⊢            | $\vdash$     | ⊢            | <u> </u>   | ⊢                                   | <u> </u> | Н        |
| $\vdash$   | 116   | <u> </u>     | -                                   | <del> </del> | <u> </u>     | $\vdash$     | <u> </u>   | <u> </u>                            |          | Щ        |
| <u> </u>   | 117   |              | <u> </u>                            | <u> </u>     | _            | L            | _  | <u> </u>                            |          | Ш        |
|  | 118   |              |                                     |              | _            | _            |  | L                                   | L        |          |
|  | 119   |              |                                     |              | L            | _            | _  |                                     |          | Ш        |
|  | 120   |              |                                     |              |              |              |  |                                     |          |          |
|  | 118<br>119<br>120<br>121<br>122<br>123<br>124 |              |                                     |              |              | _            |  |                                     |          | Ш        |
|  | 122   |              | _                                   | _            |              |              | _  | L.                                  |          |          |
|  | 123   |              | _                                   |              |              |              |  | L                                   | _        | Ш        |
|  | 124   |              | _                                   | _            |              |              |  | L                                   |          | Ш        |
|  | 125<br>126<br>127<br>128<br>129<br>130<br>131 |              | L                                   | _            |              |              |  | _                                   |          |          |
|  | 126   |              | _                                   |              |              |              |  | _                                   |          | Ш        |
|  | 127   | _            | _                                   |              | _            |              |  | <u> </u>                            |          |          |
|  | 128   |              |                                     |              | $\Box$       | _            | _  | <u> </u>                            |          | Ш        |
|  | 129   | _            | <u> </u>                            | L            | _            | _            |  | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ |          | Ш        |
|  | 130   |              | <u> </u>                            |              |              | -            |  |                                     |          |          |
|  | 131   |              | L                                   |              |              |              |  |                                     |          | Ш        |
|  | 132   |              | <u></u>                             |              | L            |              |  |                                     | <u> </u> | Ш        |
|  | 133<br>134                                    |              | oxdot                               | Ш            | <u> </u>     | Ш            |  | Щ                                   | <u>_</u> | Ш        |
| Щ.   | 134   |              | $oxed{oxed}$                        | Щ            | <u> </u>     | Ш            |  | $oxed{oxed}$                        | <u> </u> | Ш        |
| <u> </u>   | 135 I   |              | <u> </u>                            |              | <u> </u>     | L            | L  |                                     |          | Ш        |
|  | 136<br>137<br>138                             |              | <u> </u>                            | L_           | <u> </u>     | L            |  | L.                                  | <u> </u> | Ш        |
|  | 137   |              |                                     | _            | L            |              |  |                                     |          | Ш        |
|  | 138   |              | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | Ш            | <u> </u>     | Ш            | $ldsymbol{ld}}}}}}$ | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ |          | Ш        |
|  | 139<br>140                                    |              | L.                                  | L            | _            |              | L  |                                     | L_       |          |
|  | 140   |              | <u>_</u>                            | L            |              | L_           | <u>_</u>   | $oxedsymbol{oxed}$                  |          | igsqcup  |
|  | 141   |              |                                     |              |              |              |  |                                     |          |          |
|  | 142   |              |                                     |              |              |              |  |                                     |          |          |
|  | 143   |              |                                     |              |              |              |  |                                     |          |          |
|  | 144   |              |                                     |              |              |              |  |                                     |          |          |
|  | 145   |              |                                     |              |              |              |  |                                     |          |          |
|  | 146   |              |                                     |              |              |              |  |                                     |          | П        |
|  | 147   |              |                                     |              |              |              |  |                                     |          | $\Box$   |
|  | 148   |              |                                     |              |              |              |  | Г                                   |          | $\sqcap$ |
|  | 149   |              | Г                                   |              |              | Г            | $\Box$   |                                     |          | $\sqcap$ |
|  | 150   |              |                                     | $\Box$       |              |              |  |                                     |          | П        |
|  |   |              |                                     |              |              |              |  |                                     |          |          |